

From: [Pocze, Doug](#)
To: [Carpenter, Angela](#)
Cc: [Hartzell, Sharon](#); [Scorca, Michael](#); [Metz, Chloe](#)
Subject: RE: BNL PFAS
Date: Friday, March 11, 2022 9:01:25 AM

Yes.

BNL has a difficult time doing the GW Balancing Act between all the monitoring, pumping, supply and extraction wells. They had to shut down 2 of 3 of the own supply wells on the western side of the facility (Slide 15). However, they have a good team and are very interactive with the county and community.

From: Carpenter, Angela <Carpenter.Angela@epa.gov>
Sent: Friday, March 11, 2022 8:49 AM
To: Pocze, Doug <Pocze.Doug@epa.gov>
Cc: Hartzell, Sharon <hartzell.sharon@epa.gov>; Scorca, Michael <Scorca.Michael@epa.gov>; Metz, Chloe <Metz.Chloe@epa.gov>
Subject: RE: BNL PFAS

Thanks Doug. Good to see BNL is being proactive. Quite the GW balancing act – the wellfield pumping vs. the extraction wells! Hopefully the extraction wells ‘win’ so to speak. A lot of good progress on the ‘original’ plumes.

From: Pocze, Doug <Pocze.Doug@epa.gov>
Sent: Friday, March 11, 2022 8:32 AM
To: Carpenter, Angela <Carpenter.Angela@epa.gov>
Cc: Hartzell, Sharon <hartzell.sharon@epa.gov>; Scorca, Michael <Scorca.Michael@epa.gov>; Metz, Chloe <Metz.Chloe@epa.gov>
Subject: BNL PFAS

Hi

Last night the BNL had their CAC mtg during which they presented an update regarding the ongoing PFAS work. Attached are slides they used for their update.

The update mainly focused upon the western boundary plume which has some high levels of PFOS. It is believed that PFAS contamination occurred during some routine training exercises near Bldg 170 in which fire-fighting foam was released in this area. This area is down gradient of the Current Fire House which also has PFOS contamination (See Slide 2). Recent sampling indicated PFOS levels up to 5,750 ppt near/downgradient of Bldg 170. One main concern with contamination near the western boundary area is the Suffolk County William Floyd Well Field (SCWFWF) which is located further downgradient south west of the BNL property. Sampling of these wells have shown low levels of PFOS (below 10ppt) and BNL is taking steps to address this concern. BNL has installed 9 extraction wells (one extraction well ~2000ft upgradient) to capture the contamination focusing upon the plumes of 100ppt and greater. In addition, sentinel wells have been installed upgradient of the SCWF (Slide 13 of BNL Briefing for SCWA) to monitor the migration as well as BNL numerous

monitoring wells on and off site.

One good thing about BNL is that unlike the DoD they are very “pro active” and maintain good relations which the community and regulators.

doug

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